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<110> Pharmacia AB

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<130> 00349

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<170> PatentIn version 3.0

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cgggacgtga gcctgagttt gctgcaggcg tgctctgtgt ggtggctggg ttctgccaat     300

ccccgtgccc accgggtggg cgcggccggg aagctcctgc ccctccctgc tggtcggcgt     360

cacgcgtgac gtcccgcgtg atggctggga gggcccggcg gcgacagcgg aggcagagag     420
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gaaggcggtt ctgagagctt cagagagcg atg gaa agc aaa atg ggt gaa ttg       473
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cct tta gac atc aac atc cag gaa cct cgc tgg gac caa agt act ttc       521
Pro Leu Asp Ile Asn Ile Gln Glu Pro Arg Trp Asp Gln Ser Thr Phe
     10               15                  20

ctg ggc aga gcc cgg cac ttt ttc act gtt act gat cct cga aat ctg       569
Leu Gly Arg Ala Arg His Phe Phe Thr Val Thr Asp Pro Arg Asn Leu
 25                  30                  35                  40

ctg ctg tcc ggg gca cag ctg gaa gct tct cgg aac atc gtg cag aac       617
Leu Leu Ser Gly Ala Gln Leu Glu Ala Ser Arg Asn Ile Val Gln Asn
                     45                  50                  55

tac agg gcc ggc gtg gtg acc cca ggg atc acc gag gac cag ctg tgg       665
Tyr Arg Ala Gly Val Val Thr Pro Gly Ile Thr Glu Asp Gln Leu Trp
                     60                  65                  70
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agg  gcc  aag  tat  gtg  tat  gac  tcc  gcc  ttc  cat  ccg  gac  aca  ggg  gag    713
Arg  Ala  Lys  Tyr  Val  Tyr  Asp  Ser  Ala  Phe  His  Pro  Asp  Thr  Gly  Glu
               75                   80                   85

aag  gtg  gtc  ctg  att  ggc  cgc  atg  tca  gcc  cag  gtg  ccc  atg  aac  atg    761
Lys  Val  Val  Leu  Ile  Gly  Arg  Met  Ser  Ala  Gln  Val  Pro  Met  Asn  Met
               90                   95                  100

acc  atc  act  ggc  tgc  atg  ctc  aca  ttc  tac  agg  aag  acc  cca  acc  gtg    809
Thr  Ile  Thr  Gly  Cys  Met  Leu  Thr  Phe  Tyr  Arg  Lys  Thr  Pro  Thr  Val
105                 110                 115                 120

gtg  ttc  tgg  cag  tgg  gtg  aat  cag  tcc  ttc  aat  gcc  att  gtt  aac  tac    857
Val  Phe  Trp  Gln  Trp  Val  Asn  Gln  Ser  Phe  Asn  Ala  Ile  Val  Asn  Tyr
               125                 130                 135

tcc  aac  cgc  agt  ggt  gac  act  ccc  atc  act  gtg  agg  cag  ctg  ggg  aca    905
Ser  Asn  Arg  Ser  Gly  Asp  Thr  Pro  Ile  Thr  Val  Arg  Gln  Leu  Gly  Thr
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gcc  tat  gtg  agt  gcc  acc  act  gga  gct  gtg  gcc  acg  gcc  ctg  gga  ctc    953
Ala  Tyr  Val  Ser  Ala  Thr  Thr  Gly  Ala  Val  Ala  Thr  Ala  Leu  Gly  Leu
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aaa  tcc  ctc  acc  aag  cac  ctg  ccc  ccc  ttg  gtc  ggc  aga  ttt  gtg  ccc   1001
Lys  Ser  Leu  Thr  Lys  His  Leu  Pro  Pro  Leu  Val  Gly  Arg  Phe  Val  Pro
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ttt  gca  gca  gtg  gca  gct  gcc  aac  tgc  atc  aac  atc  ccc  ctg  atg  agg   1049
Phe  Ala  Ala  Val  Ala  Ala  Ala  Asn  Cys  Ile  Asn  Ile  Pro  Leu  Met  Arg
185                 190                 195                 200

cag  aga  gag  ctg  cag  gtg  ggc  atc  ccg  gtg  gct  gat  gag  gca  ggt  cag   1097
Gln  Arg  Glu  Leu  Gln  Val  Gly  Ile  Pro  Val  Ala  Asp  Glu  Ala  Gly  Gln
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agg  ctt  ggc  tac  tcg  gtg  act  gca  gcc  aag  cag  gga  atc  ttc  cag  gtg   1145
Arg  Leu  Gly  Tyr  Ser  Val  Thr  Ala  Ala  Lys  Gln  Gly  Ile  Phe  Gln  Val
               220                 225                 230

gtg  att  tca  aga  atc  tgc  atg  gcg  att  cct  gcc  atg  gcc  atc  cca  cca   1193
Val  Ile  Ser  Arg  Ile  Cys  Met  Ala  Ile  Pro  Ala  Met  Ala  Ile  Pro  Pro
               235                 240                 245

ctg  atc  atg  gac  act  ctg  gag  aag  aaa  gac  ttc  ctg  aag             1232
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               20                  25                  30
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Thr Val Thr Asp Pro Arg Asn Leu Leu Leu Ser Gly Ala Gln Leu Glu
        35              40              45

Ala Ser Arg Asn Ile Val Gln Asn Tyr Arg Ala Gly Val Val Thr Pro
        50              55              60

Gly Ile Thr Glu Asp Gln Leu Trp Arg Ala Lys Tyr Val Tyr Asp Ser
65              70              75              80

Ala Phe His Pro Asp Thr Gly Glu Lys Val Val Leu Ile Gly Arg Met
                85              90              95

Ser Ala Gln Val Pro Met Asn Met Thr Ile Thr Gly Cys Met Leu Thr
            100             105             110

Phe Tyr Arg Lys Thr Pro Thr Val Val Phe Trp Gln Trp Val Asn Gln
        115             120             125

Ser Phe Asn Ala Ile Val Asn Tyr Ser Asn Arg Ser Gly Asp Thr Pro
    130             135             140

Ile Thr Val Arg Gln Leu Gly Thr Ala Tyr Val Ser Ala Thr Thr Gly
145             150             155             160

Ala Val Ala Thr Ala Leu Gly Leu Lys Ser Leu Thr Lys His Leu Pro
            165             170             175

Pro Leu Val Gly Arg Phe Val Pro Phe Ala Ala Val Ala Ala Ala Asn
            180             185             190

Cys Ile Asn Ile Pro Leu Met Arg Gln Arg Glu Leu Gln Val Gly Ile
        195             200             205

Pro Val Ala Asp Glu Ala Gly Gln Arg Leu Gly Tyr Ser Val Thr Ala
    210             215             220

Ala Lys Gln Gly Ile Phe Gln Val Val Ile Ser Arg Ile Cys Met Ala
225             230             235             240

Ile Pro Ala Met Ala Ile Pro Pro Leu Ile Met Asp Thr Leu Glu Lys
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Lys Asp Phe Leu Lys
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aattgccacc cctccctggg cacccttgag gcctccgtgg agggacgtca cggggcagag      240

cgggacgtga gcctgagttt gctgcaggcg tgctctgtgt ggtggctggg ttctgccaat      300

ccccgtgccc accgggtggg cgcggccggg aagctcctgc ccctccctgc tggtcggcgt      360

cacgcgtgac gtcccgcgtg atggctggga gggcccggcg gcgacagcgg aggcagagag      420

gaaggcggtt ctgagagctt cagagagcg atg gaa agc aaa atg ggt gaa ttg        473
                                    Met Glu Ser Lys Met Gly Glu Leu
                                    1               5

cct tta gac atc aac atc cag gaa cct cgc tgg gac caa agt act ttc        521
Pro Leu Asp Ile Asn Ile Gln Glu Pro Arg Trp Asp Gln Ser Thr Phe
        10              15                  20

ctg ggc aga gcc cgg cac ttt ttc act gtt act gat cct cga aat ctg        569
Leu Gly Arg Ala Arg His Phe Phe Thr Val Thr Asp Pro Arg Asn Leu
25              30              35                      40

ctg ctg tcc ggg gca cag ctg gaa gct tct cgg aac atc gtg cag aac        617
Leu Leu Ser Gly Ala Gln Leu Glu Ala Ser Arg Asn Ile Val Gln Asn
                    45              50                  55

tac agg aag acc cca acc gtg gtg ttc tgg cag tgg gtg aat cag tcc        665
Tyr Arg Lys Thr Pro Thr Val Val Phe Trp Gln Trp Val Asn Gln Ser
            60                  65                  70

ttc aat gcc att gtt aactactcca accgcagtgg tgacactccc atcactgtga        720
Phe Asn Ala Ile Val
            75

ggcagctggg gacagcctat gtgagtgcca ccactggagc tgtggccacg gccctgggac      780

tcaaatccct caccaagcac ctgccccccct tggtcggcag atttgtgccc tttgcagcag      840

tggcagctgc caactgcatc aacatccccc tgatgaggca gagagagctg caggtgggca      900

tcccggtggc tgatgaggca ggtcagaggc ttggctactc ggtgactgca gccaagcagg      960

gaatcttcca ggtggtgatt tcaagaatct gcatggcgat tcctgccatg gccatcccac     1020

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Thr Val Thr Asp Pro Arg Asn Leu Leu Leu Ser Gly Ala Gln Leu Glu
        35                  40                  45
Ala Ser Arg Asn Ile Val Gln Asn Tyr Arg Lys Thr Pro Thr Val Val
    50                  55                  60
Phe Trp Gln Trp Val Asn Gln Ser Phe Asn Ala Ile Val
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Asp Leu Ser Gly Phe Asn Ile Asp Ala Pro Arg Trp Asp Gln Arg Thr
     5                  10                  15

ttc ctg ggg aga gtg aag cac ttc cta aac atc acg gac ccc cgc act   151
Phe Leu Gly Arg Val Lys His Phe Leu Asn Ile Thr Asp Pro Arg Thr
 20                  25                  30                  35

gtc ttt gta tct gag cgg gag ctg gac tgg gcc aag gtg atg gtg gag   199
Val Phe Val Ser Glu Arg Glu Leu Asp Trp Ala Lys Val Met Val Glu
             40                  45                  50

aag agc agg atg ggg gtt gtg ccc cca ggc acc caa gtg gag cag ctg   247
Lys Ser Arg Met Gly Val Val Pro Pro Gly Thr Gln Val Glu Gln Leu
             55                  60                  65

ctg tat gcc aag aag ctg tat gac tcg gcc ttc cac ccc gac act ggg   295
Leu Tyr Ala Lys Lys Leu Tyr Asp Ser Ala Phe His Pro Asp Thr Gly
             70                  75                  80

gag aag atg aat gtc atc ggg cgc atg tct ttc cag ctt cct ggc ggc   343
Glu Lys Met Asn Val Ile Gly Arg Met Ser Phe Gln Leu Pro Gly Gly
             85                  90                  95

atg atc atc acg ggc ttc atg ctc cag ttc tac agg acg atg ccg gcg   391
Met Ile Ile Thr Gly Phe Met Leu Gln Phe Tyr Arg Thr Met Pro Ala
100                 105                 110                 115

gtg atc ttc tgg cag tgg gtg aac cag tcc ttc aat gcc tta gtc aac   439
Val Ile Phe Trp Gln Trp Val Asn Gln Ser Phe Asn Ala Leu Val Asn
                 120                 125                 130

tac acc aac agg aat gcg gct tcc ccc aca tca gtc agg cag atg gcc   487
Tyr Thr Asn Arg Asn Ala Ala Ser Pro Thr Ser Val Arg Gln Met Ala
                 135                 140                 145
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ctt tcc tac ttc aca gcc aca acc act gct gtg gcc acg gct gtg ggc    535
Leu Ser Tyr Phe Thr Ala Thr Thr Thr Ala Val Ala Thr Ala Val Gly
        150                 155                 160

atg aac atg ttg aca aag aaa gcg ccg ccc ttg gtg ggc cgc tgg gtg    583
Met Asn Met Leu Thr Lys Lys Ala Pro Pro Leu Val Gly Arg Trp Val
        165                 170                 175

ccc ttt gcc gct gtg gct gcg gct aac tgt gtc aat atc ccc atg atg    631
Pro Phe Ala Ala Val Ala Ala Ala Asn Cys Val Asn Ile Pro Met Met
180                 185                 190                 195

cga cag agg gag ctc ata aag gga atc tgc gtg aag gac agg aat gaa    679
Arg Gln Arg Glu Leu Ile Lys Gly Ile Cys Val Lys Asp Arg Asn Glu
                    200                 205                 210

aat gag att ggt cat tcc cgg aga gct gcg gcc ata ggc atc acc caa    727
Asn Glu Ile Gly His Ser Arg Arg Ala Ala Ala Ile Gly Ile Thr Gln
                215                 220                 225

gta gtt att tct cgg atc acc atg tca gct cct ggg atg atc ttg ctg    775
Val Val Ile Ser Arg Ile Thr Met Ser Ala Pro Gly Met Ile Leu Leu
            230                 235                 240

cca gtc atc atg gaa agg ctt gag aaa ttg cac ttc atg cag aaa gtc    823
Pro Val Ile Met Glu Arg Leu Glu Lys Leu His Phe Met Gln Lys Val
        245                 250                 255

aag gtc ctg cac gcc cca ttg cag gtc atg ctg agc ggg tgc ttc ctc    871
Lys Val Leu His Ala Pro Leu Gln Val Met Leu Ser Gly Cys Phe Leu
260                 265                 270                 275

atc ttc atg gtg cca gtg gcg tgt ggg ctt ttc cca cag aaa tgt gaa    919
Ile Phe Met Val Pro Val Ala Cys Gly Leu Phe Pro Gln Lys Cys Glu
                    280                 285                 290

ttg cca gtt tcc tat ctg gaa ccg aag ctc caa gac act atc aag gcc    967
Leu Pro Val Ser Tyr Leu Glu Pro Lys Leu Gln Asp Thr Ile Lys Ala
            295                 300                 305

aag tat gga gaa ctt gag cct tat gtc tac ttc aat aag ggt ctc taa   1015
Lys Tyr Gly Glu Leu Glu Pro Tyr Val Tyr Phe Asn Lys Gly Leu
        310                 315                 320

atgccccact tcagcaagga ccagtctatt cccatattca ccagctcctc cttagctacg   1075

tgcacacttg tgtcctcctt cccctttgcc aacaaggcct gaaggccagg gtagattggg   1135

gggtgggaca atgaatgcct catacttaca ccctggtact ggttgattgg acctcagggg   1195

aaaaaagtga aaaagggtag caaaggccaa tgtcttctag ctgcttcctc aacccctgtc   1255

ccctgagaga ccagaagctg aggccctctc agggaggaga catccaagca aatcatttgg   1315

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caaaaggaag cttctatacc tctttcttct tcgcttcctc ctctcccaag caatggaaac   1435

ttttacccat gtaattctag ctgaactcag gaaaaagaag ggggaaagga ctctgtcccc   1495
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            20                  25                  30

Pro Arg Thr Val Phe Val Ser Glu Arg Glu Leu Asp Trp Ala Lys Val
            35                  40                  45

Met Val Glu Lys Ser Arg Met Gly Val Val Pro Pro Gly Thr Gln Val
        50                  55                  60

Glu Gln Leu Leu Tyr Ala Lys Lys Leu Tyr Asp Ser Ala Phe His Pro
65                  70                  75                  80

Asp Thr Gly Glu Lys Met Asn Val Ile Gly Arg Met Ser Phe Gln Leu
                85                  90                  95

Pro Gly Gly Met Ile Ile Thr Gly Phe Met Leu Gln Phe Tyr Arg Thr
            100                 105                 110

Met Pro Ala Val Ile Phe Trp Gln Trp Val Asn Gln Ser Phe Asn Ala
            115                 120                 125

Leu Val Asn Tyr Thr Asn Arg Asn Ala Ala Ser Pro Thr Ser Val Arg
        130                 135                 140

Gln Met Ala Leu Ser Tyr Phe Thr Ala Thr Thr Thr Ala Val Ala Thr
145                 150                 155                 160

Ala Val Gly Met Asn Met Leu Thr Lys Lys Ala Pro Pro Leu Val Gly
                165                 170                 175

Arg Trp Val Pro Phe Ala Ala Val Ala Ala Ala Asn Cys Val Asn Ile
            180                 185                 190

Pro Met Met Arg Gln Arg Glu Leu Ile Lys Gly Ile Cys Val Lys Asp
            195                 200                 205

Arg Asn Glu Asn Glu Ile Gly His Ser Arg Arg Ala Ala Ala Ile Gly
        210                 215                 220

Ile Thr Gln Val Val Ile Ser Arg Ile Thr Met Ser Ala Pro Gly Met
225                 230                 235                 240

Ile Leu Leu Pro Val Ile Met Glu Arg Leu Glu Lys Leu His Phe Met
                245                 250                 255
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```
Gln Lys Val Lys Val Leu His Ala Pro Leu Gln Val Met Leu Ser Gly
        260             265             270

Cys Phe Leu Ile Phe Met Val Pro Val Ala Cys Gly Leu Phe Pro Gln
        275             280             285

Lys Cys Glu Leu Pro Val Ser Tyr Leu Glu Pro Lys Leu Gln Asp Thr
        290             295             300

Ile Lys Ala Lys Tyr Gly Glu Leu Glu Pro Tyr Val Tyr Phe Asn Lys
305             310             315             320

Gly Leu
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gacc atg tct gga gaa cta cca cca aac att aac atc aag gaa cct cga      169
     Met Ser Gly Glu Leu Pro Pro Asn Ile Asn Ile Lys Glu Pro Arg
     1               5              10                      15

tgg gat caa agc act ttc att gga cga gcc aat cat ttc ttc act gta      217
Trp Asp Gln Ser Thr Phe Ile Gly Arg Ala Asn His Phe Phe Thr Val
                20              25              30

act gac ccc agg aac att ctg tta acc aac gaa caa ctc gag agt gcg      265
Thr Asp Pro Arg Asn Ile Leu Leu Thr Asn Glu Gln Leu Glu Ser Ala
            35              40              45

aga aaa ata gta cat gat tac agg cag gga att gtt cct cct ggt ctt      313
Arg Lys Ile Val His Asp Tyr Arg Gln Gly Ile Val Pro Pro Gly Leu
            50              55              60

aca gaa aat gaa ttg tgg aga gca aag tac atc tat gat tca gct ttt      361
Thr Glu Asn Glu Leu Trp Arg Ala Lys Tyr Ile Tyr Asp Ser Ala Phe
        65              70              75

cat cct gac act ggt gag aag atg att ttg ata gga aga atg tca gcc      409
His Pro Asp Thr Gly Glu Lys Met Ile Leu Ile Gly Arg Met Ser Ala
80              85              90              95
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cag gtt ccc atg aac atg acc atc aca ggt tgt atg atg acg ttt tac    457
Gln Val Pro Met Asn Met Thr Ile Thr Gly Cys Met Met Thr Phe Tyr
            100                 105                         110

agg act acg ccg gct gtg ctg ttc tgg cag tgg att aac cag tcc ttc    505
Arg Thr Thr Pro Ala Val Leu Phe Trp Gln Trp Ile Asn Gln Ser Phe
            115                 120                 125

aat gcc gtc gtc aat tac acc aac aga agt gga gac gca ccc ctc act    553
Asn Ala Val Val Asn Tyr Thr Asn Arg Ser Gly Asp Ala Pro Leu Thr
            130                 135                 140

gtc aat gag ttg gga aca gct tac gtt tct gca aca act ggt gcc gta    601
Val Asn Glu Leu Gly Thr Ala Tyr Val Ser Ala Thr Thr Gly Ala Val
            145                 150                 155

gca aca gct cta gga ctc aat gca ttg acc aag cat gtc tca cca ctg    649
Ala Thr Ala Leu Gly Leu Asn Ala Leu Thr Lys His Val Ser Pro Leu
160                 165                 170                 175

ata gga cgt ttt gtt ccc ttt gct gcc gta gct gct gct aat tgc att    697
Ile Gly Arg Phe Val Pro Phe Ala Ala Val Ala Ala Ala Asn Cys Ile
                180                 185                 190

aat att cca tta atg agg caa agg gaa ctc aaa gtt ggc att ccc gtc    745
Asn Ile Pro Leu Met Arg Gln Arg Glu Leu Lys Val Gly Ile Pro Val
                195                 200                 205

acg gat gag aat ggg aac cgc ttg ggg gag tcg gcg aac gct gcg aaa    793
Thr Asp Glu Asn Gly Asn Arg Leu Gly Glu Ser Ala Asn Ala Ala Lys
            210                 215                 220

caa gcc atc acg caa gtt gtc gtg tcc agg att ctc atg gca gcc cct    841
Gln Ala Ile Thr Gln Val Val Val Ser Arg Ile Leu Met Ala Ala Pro
            225                 230                 235

ggc atg gcc atc cct cca ttc att atg aac act ttg gaa aag aaa gcc    889
Gly Met Ala Ile Pro Pro Phe Ile Met Asn Thr Leu Glu Lys Lys Ala
240                 245                 250                 255

ttt ttg aag agg ttc cca tgg atg agt gca ccc att caa gtt ggg tta    937
Phe Leu Lys Arg Phe Pro Trp Met Ser Ala Pro Ile Gln Val Gly Leu
                260                 265                 270

gtt ggc ttc tgt ttg gtg ttt gct aca ccc ctg tgt tgt gcc ctg ttt    985
Val Gly Phe Cys Leu Val Phe Ala Thr Pro Leu Cys Cys Ala Leu Phe
                275                 280                 285

cct cag aaa agt tcc atg tct gtg aca agc ttg gag gcc gag ttg caa    1033
Pro Gln Lys Ser Ser Met Ser Val Thr Ser Leu Glu Ala Glu Leu Gln
            290                 295                 300

gct aag atc caa gag agc cat cct gaa ttg cga cgc gtg tac ttc aat    1081
Ala Lys Ile Gln Glu Ser His Pro Glu Leu Arg Arg Val Tyr Phe Asn
            305                 310                 315

aag gga ttg taa agcagagagg aaacctctgc agctcattct gccactgcaa        1133
Lys Gly Leu
320
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tggcgtgggc caagtgcctg atactccctt acactgaatc atgttatgat ttatagaaat    1313

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ggttttaaaa aagcactggt aggcatagaa taggtgctca gtatatggtc agtaaatgtt    1433

ctattgatta tcaatcagtg aaaaagaaa tctgtttaaa atactgaatt ttcatctcac     1493

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ataactgaaa tgtacaaatg tcaaattttg gaagtatatt caataccaat gctgtatgag    1913

tgggctgaat ccagttcatt gtttttttt tggtaagaag tgagactaca gttccagcta     1973

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ataatatatt taatatgaca gattatgttt caactctgta gatgtttaac gtcatagaca    2213

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<213>  human

<220>
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<222>  (25)..(25)
<223>  n=A,T,G or C

<400>  8
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Met	Ser	Gly	Glu	Leu	Pro	Pro	Asn	Ile	Asn	Ile	Lys	Glu	Pro	Arg	Trp
1				5					10					15
Asp	Gln	Ser	Thr	Phe	Ile	Gly	Arg	Ala	Asn	His	Phe	Phe	Thr	Val	Thr
			20					25					30
Asp	Pro	Arg	Asn	Ile	Leu	Leu	Thr	Asn	Glu	Gln	Leu	Glu	Ser	Ala	Arg
			35					40					45

Lys Ile Val His Asp Tyr Arg Gln Gly Ile Val Pro Pro Gly Leu Thr
50   55   60

Glu Asn Glu Leu Trp Arg Ala Lys Tyr Ile Tyr Asp Ser Ala Phe His
65   70   75   80

Pro Asp Thr Gly Glu Lys Met Ile Leu Ile Gly Arg Met Ser Ala Gln
                    85   90   95

Val Pro Met Asn Met Thr Ile Thr Gly Cys Met Met Thr Phe Tyr Arg
                100   105   110

Thr Thr Pro Ala Val Leu Phe Trp Gln Trp Ile Asn Gln Ser Phe Asn
            115   120   125

Ala Val Val Asn Tyr Thr Asn Arg Ser Gly Asp Ala Pro Leu Thr Val
            130   135   140

Asn Glu Leu Gly Thr Ala Tyr Val Ser Ala·Thr Thr Gly Ala Val Ala
145   150   155   160

Thr Ala Leu Gly Leu Asn Ala Leu Thr Lys His Val Ser Pro Leu Ile
                165   170   175

Gly Arg Phe Val Pro Phe Ala Ala Val Ala Ala Ala Asn Cys Ile Asn
                180   185   190

Ile Pro Leu Met Arg Gln Arg Glu Leu Lys Val Gly Ile Pro Val Thr
            195   200   205

Asp Glu Asn Gly Asn Arg Leu Gly Glu Ser Ala Asn Ala Ala Lys Gln
210   215   220

Ala Ile Thr Gln Val Val Val Ser Arg Ile Leu Met Ala Ala Pro Gly
225   230   235   240

Met Ala Ile Pro Pro Phe Ile Met Asn Thr Leu Glu Lys Lys Ala Phe
                245   250   255

Leu Lys Arg Phe Pro Trp Met Ser Ala Pro Ile Gln Val Gly Leu Val
                260   265   270

Gly Phe Cys Leu Val Phe Ala Thr Pro Leu Cys Cys Ala Leu Phe Pro
            275   280   285

Gln Lys Ser Ser Met Ser Val Thr Ser Leu Glu Ala Glu Leu Gln Ala
            290   295   300

Lys Ile Gln Glu Ser His Pro Glu Leu Arg Arg Val Tyr Phe Asn Lys
305   310   315   320

Gly Leu